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*Published to advance the Science of cold-blooded vertebrates*

## TRICHIURUS LEPTURUS LINN. FROM LONG ISLAND.

In searching through my records covering a period of twenty years I discovered two records of the cutlass-fish from Orient waters. The first individual, 17 inches in total length, was taken from Long Island Sound, July 16, 1902. The second was from Gardiner's Bay, in ten feet of water, on August 27, 1909. This specimen was 19 inches in total length. Its occurrence appears to be that of a very rare straggler.

Roy LATHAM,  
Orient, N. Y.

## ON THE GENERA *Orestias* and *Empetrichthys*.

The genus *Orestias*, consisting of a number of species, is as far as known, confined to lakes and the stagnant portions of the rivers of the uplands of Central Peru and North central Chile.<sup>1</sup> During the Irwin Expedition of Indiana University it was found as far north as Gollarisquisga. It was found to be abundant in some of the streams and lakes about Cerro de

<sup>1</sup>Prof. E. W. Berry expressed the opinion to the writer that the first uplift in the region of the Andes was eroded to mature topography. The present great height of the Andes is the result of a later uplift. The region about Junin and to a less extent about Lake Titicaca shows the ancient topography lifted to a height of 12,000 feet and more. Toward this highland, the streams from the east and west have cut deep gorges. Thus the Rimac flows in a narrow deep valley from Ticio to Callao on the west and the Tarma river has cut a similar gash from above Tarma to La Merced on the east.

*Orestias* seems to be confined to the ancient highlands and the immediate slopes.